



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David White et al.  
Serial No. : 09/804,357  
Filed : March 12, 2001  
Title : LEPTIN INDUCED GENES

Art Unit : 1646  
Examiner : E. Lazar Wesley

Commissioner for Patents  
Washington, D.C. 20231

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RESPONSE

In response to the action mailed September 18, 2002, please amend the application as follows:

In the specification:

Please replace the paragraph beginning at page 2, line 25, with the following rewritten paragraph:

The human LIG46 cDNA described below (SEQ ID NO:13) has a 1191 nucleotide open reading frame which encodes a 397 amino acid protein (SEQ ID NO:14). This protein includes a predicted signal sequence of about 32 amino acids (from amino acid 1 to about amino acid 32 of SEQ ID NO:14) and a predicted mature protein of about 365 amino acids (from about amino acid 33 to amino acid 397 of SEQ ID NO:14).

Please replace the paragraph beginning at page 24, line 29, with the following rewritten paragraph:

A nucleic acid fragment encoding a "biologically active portion of LIG46" can be prepared by isolating a portion of SEQ ID NO:1 or SEQ ID NO:3 which encodes a polypeptide having a LIG46 biological activity, expressing the encoded portion of LIG46 (e.g., by recombinant expression *in vitro*) and assessing the activity of the encoded portion of LIG46. For

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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November 12, 2002

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Carrie A. Amonte

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Carrie A. Amonte